

Lantibody Display Peptide

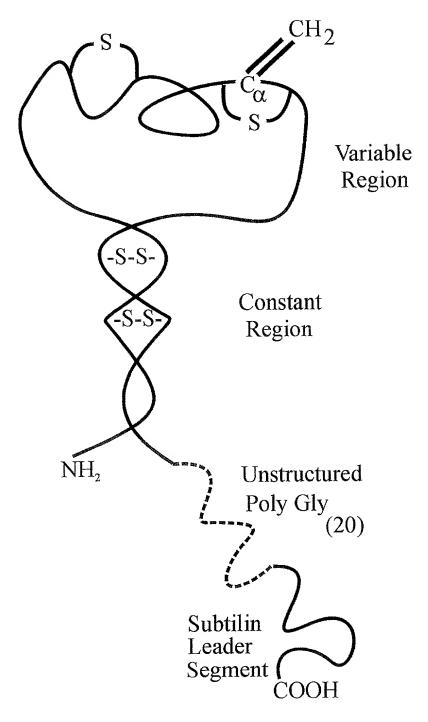


Figure 2

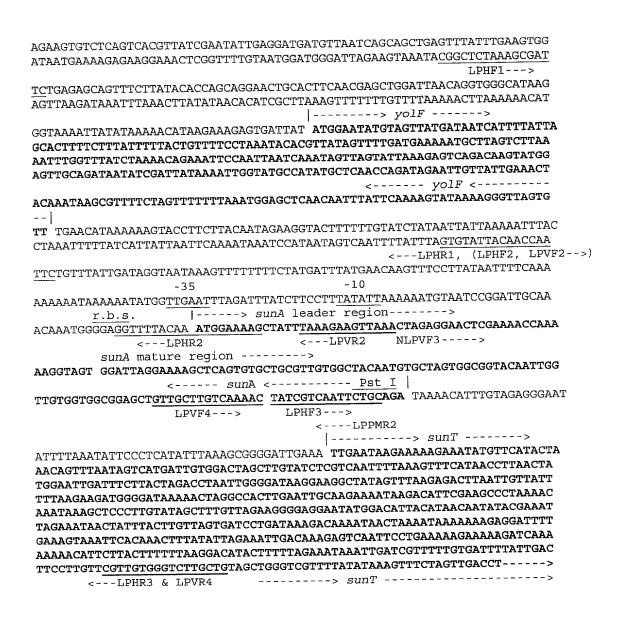


Figure 3

EcoRI

Sublancin leader ----> Xho I

ACAAATGGGGAGGTTTTACAA ATGGAAAAGCTATTTAAAGAAGTTAAACTCGAGGAACTCGAAAACCAAA

| Sun A ----->
AAGGTAGT GGATTAGGAAAAGCTCAGTGTGCTGCGTTGTGGCTACAATGTGCTAGTGGCGGTACAATTGG
Pst I |

TTGTGGTGGCGGAGCTGTTGCTTGTCAAAACTATCGTCAATTCTGCAGA TAAAACATTTGTAGAGGGAAT

HindIII

Figure 4

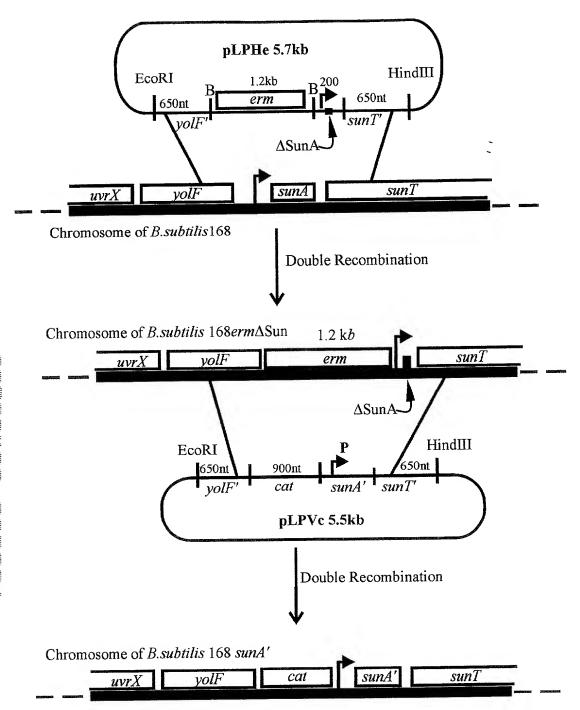
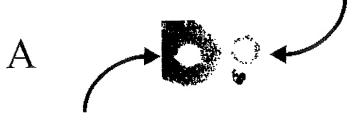


Figure 5

B. subtilis EΔSun



B. subtilis 168

В



B. subtilis 168 SunA' Figure 6

← pLPcat Sublancin leader→ TTGCAAACAAATGGGGAGGTTTTACAA ATGGAAAAGCTATTTAAAGAAG MetGluLysleuPheLysGluV sublancin prep-XhoI TTAAACTCGAGGAACTCGAAAAACCAAAAAGGTAGT GGATTAGGAAAAGC AllysLeuGluGluLeuGluAsnGluLysGlySer GlyLeuGlyLysAl $tide \rightarrow$ TCAGTGTGCTGCGTTGTGGCTACAATGTGCTAGTGGCGGTACAATTGGTT ${\tt aGlnCysAlaAlaLeuTrpLeuGlnCysAlaSerGlyGlyThrIleGlyC}$ Poly-KasI GTGGTGGCGGCGCCGTTGCTTGTCAAAACTATCGTCAATTCTGTAGAGGT ysGlyGlyGlyAlaValAlaCysGlnAsnTyrArgGlnPheCysArgGly glycine20→ GGTGGTGGGGGAGGCGGGGGGGGGGGGTGGTGGAGGAGGTGGTGG $subtilin leader \rightarrow$ XbaI TGGTGGTATGTCAAAGTTCGATGATTTCGATCTAGATGTTGTGAAAGTCT yGlyGlyMetSerLysPheAspAspPheAspLeuAspValValLysValS PstI Stop

CTAAACAAGACTCAAAAATCACTCCGCAATAGAGTCCTGCAGATAAAAACA

pLPcat ---

erLysGlnAspSerLysIleThrProGln *

Figure 7

Figure 8

NH₃+